Number	
- 0 (359/113,114,115).CCLS. USPAT; 2003/09/16 US-PGPUB 12:18 USPAT; US-PGPUB 12:18 USPAT; US-PGPUB 12:21 USPAT; 2003/09/16 US-PGPUB 12:22 USPAT; 2003/09/16 US-PGPUB 12:22 USPAT; 2003/09/16 US-PGPUB 12:22 USPAT; 2003/09/16 US-PGPUB 12:21 USPAT; 2003/09/16 US-PGPUB 12:31 USPAT; US-PGPUB 12:32 USPAT; US-PGPUB 12:34 USPAT	
1347 359/113" 359/114" 359/115" US-PGPUB US	
- 1347 "359/113" "359/114" "359/115" USPAT; 2003/09/16 US-PGPUB USPAT; US-PGPU	
168 (398/43).CCLS. US-PGPUB	
- 168 (398/43).CCLS. US-PGPUB 12:21 US-PGPUB 12:22 (356/4.01,300,326,614,445).CCLS.) (US-PGPUB US-PGPUB 12:22 US-PGPUB 12:31 US-PGPUB 12:32 US-PGPUB 12:33 US-PGPUB 12:34 US-PGPUB US-PGPU	
- 2457 (356/4.01,300,326,614,445).CCLS. US-PGPUB 12:21 2003/09/16 US-PGPUB 12:21 USPAT; US-PGPUB 12:21 USPAT; US-PGPUB 12:21 USPAT; US-PGPUB 12:21 USPAT; US-PGPUB 12:22 USPAT; US-PGPUB 12:31 USPAT; US-PGPUB 12:32 USPAT; US-PGPUB 15:38 USPAT; US-PGPUB 15:34 USPAT; US-PGPUB 15:38 USPAT;	
- 2457 (356/4.01,300,326,614,445).CCLS. US-PGPUB 12:21 - 3873 ("359/113" "359/114" "359/115") (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.) (356/4.01,300,326,614,445).CCLS.) (398/43).CCLS.) (398/43).CCLS.) (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (("359/113" "359/114" "359/115") (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolith\$\psi\$ unitary) (("359/113" "359/114" "359/115") (398/43).CCLS.) (398/43).CCLS.) (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolith\$\psi\$ unitary) (("359/113" "359/114" "359/115") (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolith\$\psi\$ unitary)) not ((("359/113" "359/114" "359/115") (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) sot ((("359/113" "359/114" "359/115") (398/43).CCLS.) (356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (388/31,15,37,75,88).CCLS.) (398/43).CCLS.) (398/43).CC	
- 2437 (336/4.01,300,326,614,415).cold	
- 3873 ("359/113" "359/114" "359/115") USPAT; 2003/09/16 USPGPUB (12:22 (356/4.01,300,326,614,445).CCLS.) ((356/4.01,300,326,614,445).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (("359/113" "359/114" "359/115") USPAT; USPAT; (398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) ((("359/113" "359/114" "359/115") USPAT; USPAT; (398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) ((("359/113" "359/114" "359/115") USPAT; USPAT; (398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (385/31,15,37,75,88).CCLS.)	
- 208 (398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithic unitary) ((356/4.01,300,326,614,445).CCLS.)) and ((monolith\$\psi\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolith\$\psi\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolith\$\psi\$ unitary)) ((356/4.01,300,326,614,445).CCLS.)) and ((monolith\$\psi\$ unitary)) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithic unitary)) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithic unitary)) ((385/31,15,37,75,88).CCLS.) ((385/31,15,37,75,88).CCLS.) ((385/31,15,37,75,88).CCLS.) and ((monolith\$\psi\$ unitary)	
- 208 ((356/4.01,300,326,614,445).CCLS.) ((359/13" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithic unitary) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithis unitary) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithis unitary)) not ((("359/113"	
- 208 (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.)) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS.) (385/31,15,37,75,88).CCLS.) and (monolithic unitary) (385/31,15,37,75,88).CCLS.) and (monolithic unitary) (385/31,15,37,75,88).CCLS.) and (monolithic unitary) (385/31,15,37,75,88).CCLS.) and (monolith\$ unitary) (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.)	
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(398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary) (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) 5181 (385/31,15,37,75,88).CCLS. 553 ((385/31,15,37,75,88).CCLS.) and (monolith\$ unitary) (monolith\$ unitary) (monolith\$ unitary) (185/31,15,37,75,88).CCLS.) and (monolith\$ unitary) (185/31,15,37,75,88).CCLS.) and	
[monolithic unitary] (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((398/43).CCLS.) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.)) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) ((385/31,15,37,75,88).CCLS.) [(385/31,15,37,75,88).CCLS.) and [(monolith\$ unitary)] ((385/31,15,37,75,88).CCLS.) and (monolith\$ unitary) ((385/31,15,37,75,88).CCLS.) and (monolith\$ unitary) (185/31,15,37,75,88).CCLS.) and (monolith\$ unitary)	
- 238 (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. USPAT; USPAT; USPGPUB 15:38 (385/31,15,37,75,88).CCLS.) and (monolithic unitary) (monolithic unitary) (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.)	
Composite the unitary Composite to the unitary	
- 30 ((385/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary) ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. USPAT; USPAT; USPGPUB 15:38 USPAT; USPGPUB 15:38 ((385/31,15,37,75,88).CCLS.) and (monolithic unitary) (monolithic unitary)	
- 30 (("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.)) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. USPAT; USPAT; USPGPUB 15:38 (385/31,15,37,75,88).CCLS.) and (monolithic unitary) (monolithic unitary) (monolithic unitary) (385/31,15,37,75,88).CCLS.) and (385/31,15,37,75,88).CCLS.)	
- 30 ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. USPAT; US-PGPUB (15:38) ((385/31,15,37,75,88).CCLS.) and (monolithic unitary) (monolithic unitary) (monolithic unitary)	Ì
((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and ((monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.)) ((356/4.01,300,326,614,445).CCLS.)) and ((monolithic unitary)) (385/31,15,37,75,88).CCLS. ((385/31,15,37,75,88).CCLS.) and ((monolithic unitary)) ((385/31,15,37,75,88).CCLS.) and ((385/31,15,37,75,88).CCLS.) and ((monolith\$ unitary)) ((385/31,15,37,75,88).CCLS.) and	
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(monolith\$ unitary)) not ((("359/113" "359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) 5181 (385/31,15,37,75,88).CCLS. ((385/31,15,37,75,88).CCLS.) and (monoliths unitary) (monoliths unitary) 15:38 USPAT; US-PGPUB 15:38 USPAT; US-PGPUB 12:34	
"359/114" "359/115") ((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. ((385/31,15,37,75,88).CCLS.) and (monoliths unitary) ((398/43).CCLS.) USPAT; US-PGPUB (USPAT; US-PGPUB (USPAT; US-PGPUB (USPAT; US-PGPUB (USPAT; US-PGPUB (USPAT; US-PGPUB	
((356/4.01,300,326,614,445).CCLS.)) and (monolithic unitary)) (385/31,15,37,75,88).CCLS. ((385/31,15,37,75,88).CCLS.) and USPAT; US-PGPUB 15:38 (monoliths unitary) USPAT; US-PGPUB 12:34	
(monolithic unitary)) (385/31,15,37,75,88).CCLS. ((385/31,15,37,75,88).CCLS.) and ((385/31,15,37,75,88).CCLS.) and (monoliths unitary) (monoliths unitary) (monoliths unitary)	
- 5181 (385/31,15,37,75,88).CCLS.) and US-PGPUB USPAT; 2003/09/16 (mone) ith\$ unitary) US-PGPUB 12:34	
US-PGPUB 15:38 USPAT; 2003/09/16 (monelith\$ unitary) US-PGPUB 12:34	
(%05/31,15,57,75,00).CCBS:/ and US-PGPUB 12:34	
(monolith's unitary) US-PGPUB 12:34	
(MODE (21 15 27 75 88) CCIS) and USPAT: 2003/09/16	
1 376 (((385 / 31 . 13 . 3 / . / 3 , 00) . CCII3 . / and	
(monolith\$ dilitaly) and (dilitacty	
grat\$3) USPAT; 2003/09/16	
1 8810 ((339/113 339/114 333/114)	
((398/43).CCLS.) ((356/4.01,300,326,614,445).CCLS.))	
((385/31,15,37,75,88).CCLS.)	
- 133 ((("359/113" "359/114" "359/115") USPAT; 2003/09/16	
US-PGPUB 12:56	
((356/4.01,300,326,614,445).CCLS.))	
((385/31,15,37,75,88).CCLS.)) and	
((monolith's unitary) and (distance	
position\$) near (sens\$3 measur\$ detect\$	
determin\$))	
440 (monolithic\$ unitary) same (wdm dwdm USPAT; 2003/09/16	
spectrograph monochrom\$1t\$1r spectrometer US-PGPUB 12:58	
\$6photometer) (2) //"359/113" "359/115") USPAT; 2003/09/16	
1	
1 1 1 398/431.CCLD.1	
((356/4.01,300,326,614,445).CCLS.))	
((385/31,15,37,75,88).CCLS.)) and ((monolithic\$ unitary) same (wdm dwdm	
spectrograph monochrom\$1t\$1r spectrometer	
\$ spectrograph monochromsity if spectrometer \$6photometer \$6ph	
_ 0 \$6photometer; 2003/09/16 USPAT; 2003/09/16	
((398/43).CCLS.) US-PGPUB 12:58	
((356/4.01,300,326,614,445).CCLS.))	
((385/31,15,37,75,88).CCLS.)) and	
((monolithic\$ unitary) same (wdm dwdm	
spectrograph monochrom\$1t\$1r spectrometer	
\$6photometer))) not ((monolithic\$	
unitary) same (wdm dwdm spectrograph	
monochrom\$1t\$1r spectrometer	
\$6photometer))	

			HCDAM.	2003/09/16
-	378	((monolithic\$ unitary) same (wdm dwdm	USPAT;	2003/09/16
		spectrograph monochrom\$1t\$1r spectrometer	US-PGPUB	14:56
		\$6photometer)) not (((("359/113"	;	
		"359/114" "359/115") ((398/43).CCLS.)		
		((356/4.01,300,326,614,445).CCLS.))		
		((385/31,15,37,75,88).CCLS.)) and		
		((monolithic\$ unitary) same (wdm dwdm		
		spectrograph monochrom\$1t\$1r spectrometer		
		\$6photometer)))	USPAT;	2003/09/16
-	378	((monolithic\$ unitary) same (wdm dwdm	USPAT; US-PGPUB	14:56
	į	spectrograph monochrom\$1t\$1r spectrometer	US-PGPUB	14.50
		\$6photometer)) not (((("359/113" "359/114" "359/115") ((398/43).CCLS.)		
		((356/4.01,300,326,614,445).CCLS.))		
		((385/4.01,300,326,614,443).CCLS.)) and		
		((monolithic\$ unitary) same (wdm dwdm		
		spectrograph monochrom\$1t\$1r spectrometer		
		\$6photometer)))		
	197	(((monolithic\$ unitary) same (wdm dwdm	USPAT;	2003/09/16
_	19/	spectrograph monochrom\$1t\$1r spectrometer	US-PGPUB	14:57
		\$6photometer)) not (((("359/113"		
		"359/114" "359/115") ((398/43).CCLS.)		
		((356/4.01,300,326,614,445).CCLS.))		
		((385/31,15,37,75,88).CCLS.)) and		
		((monolithic\$ unitary) same (wdm dwdm		İ
		spectrograph monochrom\$1t\$1r spectrometer		
		\$6photometer)))) and (diffract\$ grat\$3)		
_	5181	(385/31,15,37,75,88).CCLS.	USPAT;	2003/09/16
			US-PGPUB	15:38
-	123	((385/31,15,37,75,88).CCLS.) and	USPAT;	2003/09/16
		((transparent transmi\$) near (body	US-PGPUB	15:42
		housing assembly spectrometer		
		spectrograph monochrom\$1t\$1r		
		\$6photometer))	USPAT;	2003/09/16
_	34	(((385/31,15,37,75,88).CCLS.) and	US-PGPUB	15:42
		((transparent transmi\$) near (body housing assembly spectrometer	05 10102	10.12
		spectrograph monochrom\$1t\$1r		1
		\$6photometer))) and (diffract\$ grat\$)		
	237		EPO; JPO;	2003/09/18
-	237	\$2multiplex\$)	DERWENT;	12:48
		QZmaicipion4,	IBM TDB	
_	16	((unitary monolithic\$) same (dwdm wdm	EPO; JPO;	2003/09/18
	"	\$2multiplex\$)) and diffract\$	DERWENT;	12:49
		, and a	IBM_TDB	
_	47	(unitary monolithic\$) same (spectrograph	EPO; JPO;	2003/09/18
		spectrometer \$6photometer	DERWENT;	12:49
1		monochrom\$1t\$1r)	IBM_TDB	
_	56	((transparent transmi\$) near (housing	EPO; JPO;	2003/09/18
		assembly body)) same (spectrometer	DERWENT;	12:51
		\$6photometer spectrograph monochrom\$1t\$r	IBM_TDB	
		dwdm wdm \$2multiplex\$)	FDC: 750	2002/00/19
-	910	((transparent transmi\$) same (housing	EPO; JPO;	2003/09/18
		assembly body)) same (spectrometer	DERWENT;	12:51
		\$6photometer spectrograph monochrom\$1t\$r	IBM_TDB	
		dwdm wdm \$2multiplex\$)	EPO; JPO;	2003/09/18
-	187435	((transparent transmi\$) same (housing	DERWENT;	12:52
		assembly body))	IBM TDB	12.52
	744	(((transparent transmi\$) same (housing	EPO; JPO;	2003/09/18
-	744	assembly body))) and diffract\$	DERWENT;	12:51
		assembly body/// and diffracty	IBM TDB	
	17494	((transparent transmi\$) near (housing	EPO; JPO;	2003/09/18
_	1/494	assembly body))	DERWENT;	12:52
		assembty body),	IBM TDB	
_	23	(((transparent transmi\$) same (housing	EPO; JPO;	2003/09/18
	23	assembly body)) same (spectrometer	DERWENT;	12:52
		\$6photometer spectrograph monochrom\$1t\$r	IBM_TDB	
		dwdm wdm \$2multiplex\$)) and diffract\$		<u> </u>
L				 -

_	109	(((transparent transmi\$) near (housing assembly body))) and diffract\$	EPO; JPO; DERWENT; IBM TDB	2003/09/18 12:53
	1		I DM I DD	